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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,023	09/11/2003	Kia Silverbrook	AP88	4227

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EXAMINER

GIBBS, HEATHER D

ART UNIT PAPER NUMBER

2627

DATE MAILED: 03/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/659,023	Applicant(s) SILVERBROOK ET AL.	
	Examiner Heather D. Gibbs	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12/19/05.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see Page 4, filed 12/19/05, with respect to Claims 1-7 have been fully considered and are persuasive. The rejection of 10/06/05 has been withdrawn.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kumar (US 5,294,782) in view of Allard et al (US 5,615,384).

Kumar discloses a handheld mobile communication device that comprises a support structure; an antenna mounted on the support structure for transmitting and receiving radio signals; radio signal processing circuitry positioned on the support structure to process the radio signals; and a printhead is positioned on the support structure to carry out a printing operation; and printing processing circuitry is positioned on the support structure to control operation of the printhead (Col 4 Lines 15-60; Figs 1,6).

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Kumar does not disclose expressly a speaker and microphone arrangement positioned on the support structure and operatively connected to the radio signal processing circuitry.

Allard discloses a speaker 22 and microphone 24 arrangement positioned on the support structure and operatively connected to the radio signal processing circuitry (Fig 1).

Kumar & Allard are combinable because they are from the same field of endeavor.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Allard with Kumar.

The suggestion/motivation for doing so would have been to incorporate a speaker and microphone in the handheld mobile communications device.

Therefore, it would have been obvious to combine Kumar with Allard to obtain the invention as specified in claim 1.

For claim 2, Kumar teaches in which the radio signal processing circuitry and the printing processing circuitry are configured so that the printing processing circuitry and the radio signal processing circuitry can function simultaneously (Col 4 Lines 15-60; Figs 1; 6).

For claim 3, Kumar teaches which the radio signal processing circuitry and the printing processing circuitry are in the form of at least one application specific integrated circuit (Col 4 Lines 15-60; Figs 1; 6).

For claim 4, Kumar teaches in which the radio signal processing circuitry is that of a mobile telephone (Col 4 Lines 15-60; Figs 1; 6).

For claim 5, Kumar teaches in which the printhead is a page width printhead (Col 4 Lines 15-60; Figs 1; 6).

For claim 6, Kumar teaches an ink distribution unit that is arranged on the printhead to supply ink to the printhead (Col 4 Lines 15-60; Figs 1; 6).

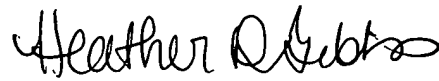
For claim 7, Kumar teaches a print media feed mechanism for feeding print media relative to the printhead so that the printing operation can be carried out the print media (Col 4 Lines 15-60; Figs 1; 6).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on 571-272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Heather D. Gibbs  
Examiner  
Art Unit 2625

hdg



THOMAS D. LEE